UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Date: March 24, 2003
Chemical: 4-CPA
PC Code: 019401
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Subject: **4-CPA – Evaluation of Endangered Species for the Tolerance Reassessment Decision (TRED) Document for 4-CPA**

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Summary

The Environmental Fate and Effects Division (EFED) has prepared this summary of the potential risks to endangered species from the registered use of 4-chlorophenoxyacetic acid (4-CPA) in response to your request dated March 21, 2003. This memorandum is an addendum to the drinking water assessment completed by EFED dated September 11, 2002 for the Tolerance Reassessment Decision (TRED) for 4-CPA previously submitted to the Special Review and Reregistration Division (SRRD).

EPA determined in 1997 in the Reregistration Eligibility Decision (RED) that given the limited usage of this chemical in total annual pounds used and geographic area used there were unlikely to be risks to endangered species associated with 4-CPA. 4-CPA is limited to approximately 20 pounds per year use for indoor treatment of mung beans at a single production facility. Additionally, waste water discharges containing 4-CPA resulting from this registered use are subject to pre-treatment requirements and are likely to be significantly diminished through this process. Any residues of 4-CPA leaving the production facility are likely to be further reduced (if not eliminated) at a publically owned treatment works (POTW) prior to entering surface water. Therefore, EFED believes that the exposures and risks to endangered species from the registered use of 4-CPA are likely to be low.